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Notice of Allowability	Application No.	Applicant(s)	
	10/756,424	YAMAKADO ET AL.	
	Examiner	Art Unit	
	John C. Hong	3726	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 12/16/05.
 2. ☒ The allowed claim(s) is/are 1-6.
 3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

The prior art fails to teach: Regarding Claim(s) 1, a recycling facilitating system which facilitates disassembly of an item to be recycled, comprising: an item disassembly data memory, which stores item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data; an item disassembly data retrieval unit, which retrieves the item disassembly data from the item disassembly data memory based on the item identification data that was input by the item identification data input unit; a disassembly diagram constructing unit, which constructs the disassembly diagram based on the item disassembly data that was retrieved by the item disassembly data retrieval unit; and a disassembly diagram output unit, which outputs the disassembly diagram that was constructed by the disassembly diagram constructing unit, wherein the disassembly diagram constructing unit determines progress status of an operation step of disassembling the item to be recycled by identifying a component that was removed during the operation step, and, in accordance with the progress status which was identified, constructs one of a plurality of disassembly diagrams, which can be constructed from the item disassembly data that was retrieved by the item disassembly data retrieval unit; Regarding Claim(s) 5, A recycling facilitating method which facilitates disassembly of an item to be recycled, comprising the steps of: inputting item identification data for identifying the item to be recycled; storing item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data;

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retrieving the item disassembly data in a data stored in the step of storing item disassembly data, based on the item identification data that was input in the step of inputting item identification data; constructing the disassembly diagram based on the item disassembly data retrieved in the step of retrieving the item disassembly data; and outputting the constructed disassembly diagram constructed in the step of constructing the disassembly diagram, wherein the step of constructing the disassembly diagram comprising determining progress status of an operation step of disassembling the item to be recycled, by identifying a component that was removed during the operation step, and, in accordance with the progress status which was identified, constructing one of a plurality of disassembly diagrams, which can be constructed from the item disassembly data that was retrieved in the step of retrieving the item disassembly data; and Regarding Claim(s) 6, A recycling facilitating program which facilitates disassembly of an item to be recycled, comprising the processes of: inputting item identification data for identifying the item to be recycled, storing item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data; retrieving the item disassembly data in a data stored in the process of storing item disassembly data, based on the item identification data that was input in the process of inputting item identification data; constructing the disassembly diagram based on the item disassembly data retrieved in the process of retrieving the item disassembly data; and outputting the constructed disassembly diagram constructed in the process of constructing the disassembly diagram, wherein the process of constructing the disassembly diagram comprising determining progress status of an operation step of disassembling the item to be recycled, by identifying a component that was removed during the operation step, and, in accordance

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with the progress status which was identified, constructing one of a plurality of disassembly diagrams, which can be constructed from the retrieved item disassembly data that was retrieved in the process of retrieving the item disassembly data in combination with the other elements of the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John C. Hong whose telephone number is 571-272-4529. The examiner can normally be reached on M-F(07:00-16:30)First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bryant can be reached on 571-272-4526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'J. Hong', is positioned to the left of the printed name.

John C. Hong
Primary Examiner
Art Unit 3726

jh

January 9, 2006